

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | |
|--|------------------------|---------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i> | Application Number | 10634874 |
| | Filing Date | 2003-06-06 |
| | First Named Inventor | Babak Habibi |
| | Art Unit | 3664 |
| | Examiner Name | Marc McDineel |
| | Attorney Docket Number | 170154 401C1 |

| U.S.PATENTS | | | | | | <input type="button" value="Remove"/> |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |
| 1 | 4402053 | | | 1983-06-30 | Kelley et al. | |
| 2 | 5212738 | | | 1993-05-18 | Chande et al. | |
| 3 | 5978521 | | | 1999-11-02 | Wallack et al. | |
| 4 | 6115480 | | | 2000-09-05 | Washizawa | |
| 5 | 6628819 | | B1 | 2003-09-30 | Huang et al. | |
| 6 | 7061628 | | B2 | 2006-06-13 | Franke et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
| | | | | | | |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10634874 |
| Filing Date | 2003-06-06 |
| First Named Inventor | Babak Habibi |
| Art Unit | 3664 |
| Examiner Name | Marc McDineuel |
| Attorney Docket Number | 170154.401C1 |

| | | | | | |
|---|-------------|----|------------|---------------|--|
| 1 | 20030007159 | A1 | 2003-01-09 | Franke et al. | |
| 2 | 20040172164 | A1 | 2004-09-02 | Habibi et al. | |

If you wish to add additional U.S. Published Application citation information please click the Add button

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No | Foreign Document Number ³ | Country Code ² ^j | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | Ts |
|--------------------|---------|--------------------------------------|--|------------------------|------------------|---|--|--------------------------|
| | 1 | 01124072 | JP | | 1989-05-16 | Masanobu | (+ abstract) | <input type="checkbox"/> |
| | 2 | 0763406 | EP | | 1997-03-19 | Ersue Enis | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | Ts |
|--------------------|---------|---|--------------------------|
| | 1 | Borotschnig, H., et al., "Appearance-Based Active Object Recognition," Image and Vision Computing, 18:715-727, 2000. | <input type="checkbox"/> |
| | 2 | Chen, L., et al., "An investigation on the accuracy of three-dimensional space reconstruction using the Direct Linear Transformation Technique," J. Biomechanics 27(4):493-500, 1994. | <input type="checkbox"/> |
| | 3 | Denzler J., et al., "Learning, Tracking and Recognition of 3D Objects," Proceedings of the IEEE/RSJ/GI, International Conference on Intelligent Robots and Systems (IROS) 1:89-96, 1994. | <input type="checkbox"/> |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|---------------|
| Application Number | 10634874 |
| Filing Date | 2003-06-06 |
| First Named Inventor | Babak Habibi |
| Art Unit | 3664 |
| Examiner Name | Marc McDowell |
| Attorney Docket Number | 170154.401C1 |

| | | |
|----|---|--------------------------|
| 4 | Ji, Q., et al., "An Integrated Linear Technique for Pose Estimation from different Geometric Features," International Journal of Pattern Recognition and Artificial Intelligence, 13(5):705-733, August 1999. | <input type="checkbox"/> |
| 5 | Jia, Y-B., et al., "Sensing Polygon Poses by Inscription," Proc. of 1994 IEEE International Conference on Robotics and Automation, pp. 1642-1649, May 1994. | <input type="checkbox"/> |
| 6 | Kim, W.S., "Computer vision assisted virtual reality calibration," URL= http://www.robotics.jpl.nasa.gov/publications/Won_Kim/ra98_vrc.pdf , pp. 1-14, 1999. | <input type="checkbox"/> |
| 7 | Kovacic, S., et al., "Planning Sequences of Views for 3-D Object Recognition and Pose Determination," Pattern Recognition 31(10):1407-1417, 1998. | <input type="checkbox"/> |
| 8 | Sanchez, A., et al., "Robot-arm Pick and Place Behavior Programming System Using Visual Perception," in Proceedings of the 15th International Conference on Pattern Recognition 4:507-510, September 2000. | <input type="checkbox"/> |
| 9 | Tsai, R. et al., "An Efficient and Accurate Camera Calibration Technique for 3D Machine Vision," Proceedings of IEEE, Conference on Computer Vision and Pattern Recognition, pp. 364-374, 1986. | <input type="checkbox"/> |
| 10 | Tsai, R., "A Versatile Camera Calibration Technique for High-Accuracy 3D Machine Vision Metrology Using Off-the-Shelf TV Cameras and Lenses," IEEE Journal of Robotics and Automation, RA-3(4):323-344, August 1987. | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button [Add](#)

EXAMINER SIGNATURE

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.